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PHOTOGRAPHIC INTERPRETATION REPORT

CRAPHIC NITURN

25X1C

JULY SUMMARY REPORT SELECTED TARGETS NORTH VIETNAM AND LAOS

NPIC/R-246/65 SEPTEMBER 1965

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

SECRET

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25X1C **A004900010010-4** Approved For Release 2000/06/30 : CIA-RDP78B04560A004900010010-4

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	Target	Coordinates	WAC		Numbers
		Coordingles	TAC TAC	BE	NPIC
25X1	SITE CONTAINS 6 LAUNCH POSITIONS, 4 OBSCURED BY PROTECTIVE COVERING, AND THE OTHER 2 EACH WITH AN UNIDENTIFIED OBJECT. ANOTHER UNIDENTIFIED OBJECT WAS OBSERVED IN FRONT OF 1 LAUNCH POSITION AND THE CENTRAL GUIDANCE AREA IS OCCUPIED BY AN UNIDENTIFIED OBJECT. NO MISSILE-ASSOCIATED EQUIPMENT CAN BE	2047N 10554E	Ø616	25X1A	114-G
25X1					
25X1	THE UNIDENTIFIED OBJECTS REMAIN. D				
25X1	HANOI SAM SITE B21-2 11 NM SW OF HANOI AT UTM A COMOR TARGET NO SIX LAUNCH REVETMENTS, THE CENTRAL GUIDANCE REVETMENT, AND THE 3 HOLD REVETMENTS APPEAR TO BE IN FINAL STAGES OF CONSTRUCTION. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.	2051N 10545E	Ø616		114-H
25X1					

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ſ	NO FUREIGN DISSEM		W4.6	Target N	umbers
	Target	Coordinates	WAC	BE	NPIC
25X1A	25X1D HANOI SAM SITE B12-2 13 NM ESE OF HANOI AT UTM COMOR TARGET NO SA-2 SAM SITE IDENTIFIED UNDER CONSTRUCTION. CONSTRUCTION STATUS INCLUDES	2056N 10604E	Ø616	25X1A	312-A
	4 LAUNCH POSITIONS IN A LATE STAGE OF CONSTRUCTION, 1 LAUNCH POSITION IN A VERY EARLY STAGE OF CONSTRUCTION, AND GROUND SCARRING FOR A SIXTH LAUNCH POSITION OBSERVED. EVIDENCE OF GUIDANCE AREA CONSTRUCTION. OBSERVED IN EARLY STAGE OF CONSTRUCTION. ONE MISSILE HOLD REVETMENT IN LATE STAGE OF CONSTRUCTION AND 2 ADDITIONAL MISSILE HOLD REVETMENTS IN VERY EARLY STAGE OF CONSTRUCTION. NO EVIDENCE OF SERVICE ROAD CONFIGURATION IS OBSERVED. AT LEAST 7 PIECES OF PROBABLE CONSTRUCTION EQUIPMENT OBSERVED ADJACENT TO THE SOUTHERNMOST EDGE OF THE SITE.				
25X1	D			25X1A	
25X1A	HANOI SAM SITE A29-2 25X1D 10 NM WNW OF HANOI AT UTM COMOR TARGET NO SITE IS IN LATE-TO-FINAL STAGES OF CONSTRUCTION. SIX LAUNCH REVETMENTS ARE COMPLETE. SITE APPEARS TO BE OF LINK CONFIGURATION. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.	2104N 10541E	Ø616 		462−J [/]

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	Target	Coordinates	WAC	Target N	umbers
	•		+	BE	NPIC
25X1A	HANOI SAM SITE BØ4-2 13 NM NNE OF HANOI AT UTM COMOR TARGET NO SITE CONTAINS I LAUNCH REVETMENT IN FINAL STAGE OF CONSTRUCTION, 3 LAUNCH REVETMENTS IN MID-STAGE OF CONSTRUCTION, AND A CENTRAL GUIDANCE REVETMENT IN MID-STAGE OF CONSTRUCTION. NO MISSILE-ASSOCIATED EQUIPMENT OBSERVED.	2111N 10559E	Ø616	25X1A	2Ø6-E
25X1D					
25X1D	HANDI SAM SITE C30-2 30 NM WNW OF HANDI, JUST SOUTH OF PHU NHIEU BARRACKS AND STORAGE AREA, AND 1.6 NM NNW OF HANDI SAM SITE C29-2 AT 21-13-00N 105-21- (UTM SA-2 SITE UNDER CONSTRUCTION CONTAINS 6 REVETTED LAUNCH POSITIONS IN MID-STAGE OF CONSTRUCTION AND A CENTRAL GUIDANCE CONTROL POSITION IN EARLY-TO-MID-STAGE OF CONSTRUCTION. NO HOLD REVETMENTS OBSERVED.	2113N 10521E 25X1D	Ø616	25X1A	200-C
25X1D					

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Target	Coordingtes	WAC	Target Numbers	
	Continues	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	BE	NPIC
25X1D				
AIR INSTALLATIONS			25X1A	
DO SON AIRFIELD Ø.4 NM EAST OF DO SON. COMOR TARGET NO SOD RUNWAY, 3,600 X 150 FT N/S SOD RUNWAY, UNSERVICEABLE, APPARENTLY ABANDONED. PARKING REVETMENTS ON WEST SIDE OF RUNWAY ARE DETERIORATING. APPARENTLY UNOCCUPIED FACILITIES ON EAST SIDE OF RUNWAY INCLUDE 2 LARGE HANGARS AND SEVERAL BARRACKS. SEVERAL BUILDINGS AT SOUTH END OF FIELD HAVE BEEN RAZED. TWO PROBABLY ABANDONED POL TANKS OBSERVED 1,000 FT SSW OF SOUTH END OF RUNWAY. AIRCRAFT NONE OBSERVED.	2042N 10648E	Ø616		106
			25X1A	
HAIPHONG/KIEN AN AIRFIELD 5 NM SW OF HAIPHONG. COMOR TARGET NO 5,900 X 80 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. FACILITIES INCLUDE PARALLEL TAXIWAY TO THE SOUTH WITH 2 END-CONNECTING AND 4 CROSSOVER	2048N · 10636E	Ø616		109-

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Target Numbers WAC Target Coordinates BE NPIC LINKS, 2 PARKING APRONS, AND 30 PARKING REVETMENTS. NEW GRADING ACTIVITY OBSERVED AT NE END OF RUNWAY ON THE OVERRUN AREA. RUNWAY MAY BE EXTENDED APPROXIMATELY 600 FT. AT THIS END, HOWEVER, NO NEW RUNWAY BED IS **OBSERVED**。 AIRCRAFT -- 5 CAB AND 6 COLT. 25X1D 25X1A HAIPHONG/CAT BI AIRFIELD 2Ø49N 1Ø643E Ø616 109-A 3.5 NM SE OF HAIPHONG. 25X1A COMOR TARGET NO 7,700 X 190 FT ENE/WSW CONCRETE RUNWAY, SERVICEABLE. FORMER NNW/SSE CONCRETE RUNWAY IS NOW USED

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<u> </u>	Coordinates	W.A.C	WAC Target	
Target	Coordinates	###	BE	NPIC
AS A PARKING APRON.				
FACILITIES INCLUDE A PARALLEL TAXIWAY WITH				
2 END-CONNECTING AND 3 CROSSOVER LINKS, A				
PARKING APRON TO THE NORTH, 2 LARGE AND 1 SMALL HANGAR, A CONTROL TOWER/OPERATIONS				
BUILDING, APPROXIMATELY 40 ASSOCIATED				
BUILDINGS, AT LEAST 24 OLD AIRCRAFT				
REVETMENTS AND 8 NEW AIRCRAFT REVETMENTS				
(WITH EXHAUST VENTS/PERSONNEL EXIT SLITS),				
AND A POL STORAGE AREA Ø.4 NM NORTH				
CONTAINING 3 LARGE BURIED TANKS.				
AIRCRAFT 1 COLT AND 4 PROBABLE MAX/MOOSE.		1		
		İ		
			1	•
	,		1	
			05744	
			25X1A	
DIEN BIEN PHU AIRFIELD	2123N 1Ø3Ø1E	Ø616		105
Ø.5 NM NORTH OF DIEN BIEN PHU. 25X1A				
COMOR TARGET NO				
APPROXIMATELY 4,000 X 90 FT NNW/SSE ASPHALT				
AND LATERITE RUNWAY WITH 7 BOMB CRATERS,				
UNSERVICEABLE.				
		1		1

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	Target	Coordinates	WAC	Target	Numbers
		osolamiles .		BE	NPIC
25X1D	FACILITIES INCLUDE A WEATHER STATION, 3 BARRACKS, 1 ADMINISTRATION, 2 STORAGE, AND 3 SUPPORT BUILDINGS. NUMEROUS BOMB CRATERS OBSERVED ADJACENT TO RUNWAY. PILES OF PROBABLE AGGREGATE OBSERVED ALONG SSE EDGE OF RUNWAY. AIRCRAFT NONE OBSERVED.			05744	
25X1D	NGHIA LO AIRFIELD SW EDGE OF NGHIA LO. COMOR TARGET NO 25X1A 2,000 X 130 FT NNE/SSW GRADED EARTH RUNWAY, SERVICEABLE. AIRCRAFT NONE OBSERVED.	2136N 10430E	Ø616	25X1A	133-A
	HANOI/BAC MAI AIRFIELD 2.1 NM SSW OF HANOI CLASSIFICATION YARD. COMOR TARGET NO 25X1A 4,100 X 110 FT NW/SE CONCRETE AND ASPHALT RUNWAY, SERVICEABLE. FACILITIES INCLUDE 1 LARGE AND 3 MEDIUM: HANGARS, 1 LARGE HANGAR APRON, 1 PARKING APRON, A PARALLEL NATURAL SURFACE TAXIWAY WITH 3 CROSSOVER LINKS, AND A LOOP TAXIWAY CONNECTING THE AIRFIELD WITH THE HANGAR AND PARKING APRONS. SUPPORT FACILITIES INCLUDE A BARRACKS AREA, AN ADMINISTRATION AREA, AND A PERSONNEL HOUSING AREA. A FORMER AIRCRAFT DISPERSAL AREA, JUST WEST OF THE NW END OF THE RUNWAY, HAS BEEN CONVERTED	2100N 10550E	Ø616		112-E

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		w.a.c	Target N	lumbers
Target	Coordinates	WAC	Target N BE 25X1A	NPIC
TO A MILITARY-TYPE INSTALLATION. THE 23 FORMER AIRCRAFT REVETMENTS CONTAIN BUILDINGS AND SHEDS. AT LEAST 30 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED SCATTERED ALONG BOTH SIDES OF RUNWAY. AIRCRAFT : 1 MAX.				
	25X1D			
			25X1A	
HANOI/GIA LAM AIRFIELD 2.3 NM NE OF HANOI. 25X1A COMOR TARGET NO	21Ø2N 1Ø553E	Ø616		114
6,100 X 100 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE, AND 5,800 X 320 FT NW/SE CONCRETE RUNWAY USED AS PARKING AREA. FACILITIES INCLUDE 1 HANGAR, NUMEROUS SUPPORT				·
BUILDINGS, A WEATHER STATION, A POL STORAGE AREA ON NW END OF NW/SE RUNWAY, AND 16 AIRGRAFT REVETMENTS WITH EXHAUST VENTS/ PERSONNEL EXIT SLITS, THREE NEW REVETMENTS				
OBSERVED NORTH OF RUNWAY. RUNWAY IS BEING EXTENDED APPROXIMATELY 650 FT AT NNE END WITH GRADING ACTIVITY EXTENDING APPROXIMATELY 1,200 FT BEYOND THE RUNWAY EXTENSION. CONSTRUCTION				
NEARS COMPLETION. AIRGRAFT: 2 PROBABLE CAB, 9 CRATE, AND 7 SMALL STRAIGHT-WING.				

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Target	Coordinates	WAC	WAC BE	lumbers	
To got	Cooldingtes	Jindles WAC		NPIC	
AIRCRAFT 11 CRATE, 8 CAB, 10 PROBABLE COLT, 1 SINGLE-ENGINE STRAIGHT-WING, AND 2 POSSIBLE HOUND. AIRCRAFT 11 CRATE, 7 CAB, 8 LIAISON, AND 2 HOUND. AIRCRAFT 10 CRATE AND 1 PROBABLE CRATE. SX1D PHUC YEN AIRFIELD 25X1D 5.8 NM ESE OF PHUC YEN AT UTM COMOR TARGET NO 8,720 X 190 FT ESE/WNW CONCRETE RUNWAY, SERVICEABLE, WITH 1,200 FT OVERRUNS AT EACH END. FACILITIES INCLUDE PARALLEL LOOP TAXIWAY WITH 3 CROSSOVER LINKS, ALERT RAMPS ALONG EACH OF 2 OUTER CROSSOVER LINKS, TWO 1,600-FT PARKING APRONS (1 AT EACH END OF RUNWAY), GCA FACILITIES, ILS SITES, AND MARKER BEACONS. HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF AIRFIELD CONTAINS APPROXIMATELY 50 BARRACKS, 100 STORAGE/SUPPORT BUILDINGS, A CONTROL TOWER, AND AN OPERATIONS BUILDING. AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS AND AREA AT WNW END CONTAINS 5 REVETMENTS.	2113N 1Ø548E	Ø616	25X1A	326-C	

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Target	Coordinates	WAC		rget Numbers	
i arger	Coordinates	- "AC	BE	NPIC	
APPROXIMATELY 11,000-FT TAXIWAY UNDER CONSTRUCTION LEADS NORTH FROM RUNWAY TO NEW DISPERSAL AREA CONTAINING 23 AIRCRAFT REVETMENTS (6 UNDER CONSTRUCTION). A FIRING-IN BUTT IS NEARING COMPLETION. SECURED POL STORAGE AREA, APPROXIMATELY 5,000 FT NNW OF RUNWAY CENTER, WITH LOOP SERVICE ROAD CONTAINS 6 BURIED POL TANKS. AIRFIELD IS RAIL-SERVED. FIVE RAIL CARS OBSERVED ON TRACK.					
DEFENSES WITHIN 3.NM.OF:RUNWAY.CENTER CONSIST:OF:10.AAA SITES (7. OCCUPIED). AIRCRAFT 8:CANVAS-COVERED BEAGLE:AND 36 FAGOT/FRESCO.					
	25X1D				
AIRCRAFT 8 (7 CANVAS-COVERED) PROBABLE BEAGLE AND 64 FAGOT/FRESCO.					
	25X1D				
AIRCRAFT 8 (5 CANVAS-COVERED) PROBABLE: BEAGLE AND 64 FAGOT/FRESCO.					
	25X1D				
AIRCRAFT NONE OBSERVED.	25X1D				
AIRCRAFT 5 BEAGLE AND 63 FAGOT/FRESCO.	25X1D				
AIRCRAFT 3 FAGOT/FRESCO AND 2 PROBABLE:					

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NO FOREIGN DISSEM Target Numbers Target Coordinates WAC BE NPIC FAGOT/FRESCO. 25X1D 25X1A KEP HA AIRFIELD 2123N 10640E 25X1A Ø616 397 3 NM EAST OF KEP HA. COMOR TARGET NO 2,550 X 100 FT NE/SW PACKED EARTH RUNWAY, SERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY AND A SUPPORT AREA IMMEDIATELY WEST OF RUNWAY CONTAINING 4 BUILDINGS AND A WEATHER STATION. AN ADDITIONAL SUPPORT AREA APPROXIMATELY 2,000 FT WEST OF RUNWAY CONSISTS OF 7 SUPPORT BUILDINGS ALONG 2 LOOP ROADS. SIX AIRCRAFT REVETMENTS UNDER 25X1D IN EARLY STAGE OF CONSTRUCTION AT SE SECTION OF RUNWAY. AIRCRAFT -- 4 CAB. 25X1D

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Target	Con	ordinates	WAC	Target	Numbers
	 		"AC	BE	NPIC
EP AIRFIELD 25X1D 1 NM SW OF KEP AT UTM COMOR TARGET NO 25X1A	2124N	1Ø616E	Ø616	25X1A	211
FORMER 4,100 X 80 FT NE/SWERUNWAY BEING RESURFACED AND EXTENDED, UNSERVICEABLE. APPROXIMATELY 600 FT OF THE NE END AND					
APPROXIMATELY 500 FT OF THE FORMER OVERRUN AT THE NE END HAVE BEEN RESURFACED WITH			· ·		
PROBABLE LATERITE A GRADED EARTH OVERRUNE EXTENDS 500 FT NE DE THE RESURFACING					
GRADING CONTINUES ON THE REMAINING 3,500 FT TO OF THE GORIGINAL RUNWAY IN PROBABLE PREPARATION.					
FOR RUNWAY RESURFACING. SW END OF RUNWAY TERMINATES AT A NW/SE ORIENTED CANAL. AN ADDITIONAL 800 FT OF	-				
RUNWAY THAS HAD A BASE COURSE LAID SWIOF SWIENDS OF FORIGINAL RUNWAY FOR THE OTHER SIDE FOR THE					
CANAL. AN ADDITIONAL 800-FT AREA ON THE SW SIDE OF THE CANAL IS BEING GRADED AND FILLED IN.	and mark	· ·		****	
CANAL HAS NOT BEEN BRIDGED FOR RUNWAY/TAXIWAY :					
ANTOTAL OF APPROXIMATELY 6,700 FT IS BEING RESURFACED/GRADED/CONSTRUCTED.					
APPROXIMATELY 70 UNIDENTIFIED VEHICLES/PIECES OF CONSTRUCTION EQUIPMENT OBSERVED. FACILITIES INCLUDE A CONTROL TOWER/					
OPERATIONS BUILDING, 5 BARRACKS/STORAGE BUILDINGS, 9 SMALLER ASSOCIATED BUILDINGS, A				* es	-
WEATHER STATION, AND 16 AIRCRAFT REVETMENTS. AIRFIELD IS SERVED BY A RAIL SPUR FROM THE			:		**
HANDI/LANG SON LINE TO THE NETEND OF GRADED EARTH OVERRUN.					
DEFENSES INCLUDE ONE 8-GUN MEDIUM AAA SITE					

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	Target	Coordinates	WAC	BE	NPIC
25X1D 25X1D 25X1D 25X1D	AND THREE 4-GUN HMGAA SITES, ALL OCCUPIED. AIRCRAFT 1 HOUND. AIRCRAFT NONE OBSERVED. AIRCRAFT VONE OBSERVED. LANG SON AIRFIELD 1 NM SE OF LANG SON. COMOR TARGET NO APPROXIMATELY 3,500 X 150 FT SOD RUNWAY, SERVICEABLE, WITH LANDING LIGHTS. A SUPPORT AREA 0.3 NM WEST OF SSE END OF RUNWAY, CONTAINS 1 L-SHAPED ADMINISTRATION, 2 BARRACKS, AND 6 STORAGE/SUPPORT BUILDINGS, A WEATHER STATION, AND PERSONNEL TRENCHES. UNIDENTIFIED CONSTRUCTION OBSERVED EAST OF SSE END OF RUNWAY. TWO GRADERS OBSERVED.	215ØN 1Ø646E	Ø616	25X1A	119-А
25X1D	AIRCRAFT 3 CAB AND 4 PROBABLE MAX.				
25X1D	VINH AIRFIELD 3.5 NM NORTH OF VINH.	1843N 10540E	Ø617	25X1A	128-A

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T	C. II.	WAC	Target	Numbers
Target	Coordinates	WAC	BE	NPIC
25X1A				
OMOR TARGET NO CONTROL OF THE CONTRO			1	
400 X 190 FT N/S LATERITE RUNWAY,				
INSERVICEABLE.				
FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1				-
CROSSOVER LINK, 2 ALERT APRONS, A PARKING				
APRON, 13 REVETTED PARKING PADS, A CONTROL				
TOWER/OPERATIONS BUILDING, AND SEVERAL				
MAINTENANCE/SUPPORT BUILDINGS.				
AIRFIELD SUBJECTED TO AIR STRIKE.				}
APPROXIMATELY 40 BOMB CRATERS OBSERVED ON AND				ļ
ADJACENT TO NORTH END OF RUNWAY.		1		1
AIRCRAFT NONE OBSERVED.		ł		
ATRONAL TO MORE OBSERVESS				
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Target Numbers Target Coordinates WAC BE NPIC 25X1A BAI THUONG AIRFIELD 1953N 10528E Ø617 15Ø-A 1.5 NM SOUTH OF HAI TRACH AND IMMEDIATELY SOUTH OF HAI TRACH MILITARY CAMP AT UTM 25X1D APPROXIMATELY 6,600 X 200 FT N/S RUNWAY UNDER CONSTRUCTION. AREA SUBJECTED TO AIR STRIKE WITH LITTLE DAMAGE TO AIRFIELD. CONSTRUCTION CONTINUES. NO FACILITIES, VEHICLES, OR AIRCRAFT OBSERVED. 25X1D MILITARY INSTALLATIONS 25X1A HON GAY NAVAL BASE BAI CHAY 2058N 10704E Ø615 109-B IMMEDIATELY NORTH OF BAI CHAY AND 1 NM NW OF HON GAY AT UTM 25X1D COMOR TARGET NO 25X1A FACILITIES INCLUDE 2 MULTISTORY BARRACKS, 1 T-SHAPED ADMINISTRATION, 4 PROBABLE STORAGE, AND 14 PROBABLE MAINTENANCE/REPAIR BUILDINGS, A SMALL MARINE RAILWAY, AND A SMALL T-HEAD PIER. VESSELS -- NONE OBSERVED. 25X1D MOC CHAU MILITARY INSTALLATIONS 2050N 10437E Ø616 122 THREE MILITARY AREAS REFERENCED FROM

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=	Target	Coordinates	WAC	Target	Numbers	٦
		coordinates	WAC	BE	NPIC	
25X1D	MOC CHAU. COMOR TARGET NO WEST SIDE AT UTM TREGULARLY-SHAPED ADMINISTRATION, AND 4 PARTIALLY RAZED BUILDINGS. AREA B (Ø.3 NM SOUTH AT UTM SHAPED ADMINISTRATION, AND APPROXIMATELY 2Ø SMALL SUPPORT BUILDINGS, PERSONNEL TRENCHES, AND SEVERAL RAZED BUILDING SITES. AREA C (Ø.6 NM SE AT UTM APPROXIMATELY 4Ø SMALL-TO-MEDIUM STORAGE-TYPE BUILDINGS, OPEN STORAGE, AND 5 RAZED BUILDING SITES. BAN XOM LOM BARRACKS & HQ 335TH INF DIV FOUR AREAS REFERENCED FROM BAN XOM LOM. COMOR TARGET NO AREA A (Ø.5 NM SW AT UTM 3 STORAGE (1 DESTROYED), 1 MESSHALL, AND APPROXIMATELY 2Ø MISCELLANEOUS BUILDINGS. AREA B (AT BAN XOM LOM AT UTM 88 BARRACKS-TYPE, 6 ADMINISTRATION, 33 STORAGE (3Ø DESTROYED), 10 SECURED PROBABLE AMMUNITION STORAGE, 4 MESSHALL, AND NUMEROUS ASSOCIATED BUILDINGS. AREA C (Ø.5 NM SE AT UTM BARRACKS-TYPE, 1 ADMINISTRATION, 1 MESSHALL, AND 2Ø MISCELLANEOUS BUILDINGS. AREA C (Ø.5 NM SE AT UTM BARRACKS-TYPE, 1 ADMINISTRATION, 1 MESSHALL, AND 2Ø MISCELLANEOUS BUILDINGS. AREA D (1 NM EAST AT UTM BARRACKS-TYPE (8 DESTROYED), 2 ADMINISTRATION, 25X1D	25X1D 25X1D 2050N 10441E	Ø616	25X1A	145	
		,	i			1

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	Target	Coordinates	WAC	BE	NPIC
	2 STORAGE, 1 MESSHALL, AND APPROXIMATELY 10 MISCELLANEOUS BUILDINGS.				
5X1D				25X1A	_
25X1A	BAN XOM LOM ARMY BARRACKS WEST 2 NM WNW OF BAN XOM LOM AT UTM COMOR TARGET NO DISPERSED AREA CONTAINS APPROXIMATELY 75 BARRACKS/STORAGE, 2 ADMINISTRATION, NUMEROUS SMALL SUPPORT, AND 33 DESTROYED BUILDINGS.	2050N 10441E	Ø616		145-A
25X1D					
25X1A	HOAI AN AMMUNITION DEPOT 1 NM NNE OF HOAI:AN. COMOR TARGET NO COMMENTAL STATE OF BUILDINGS REMAIN. NUMEROUS BOMB CRATERS OBSERVED. HEAVY GROUND SCARRING OBSERVED IN OPEN AREA 1 NM EAST OF DEPOT.	2026N 10533E	Ø616		490
25X1D					
25X1D	QUI HAU AMMUNITION DEPOT WEST 1.5 NM NW OF QUI HAU AND 1 NM NNE OF HAI HA AT UTM COMOR TARGET NO 25X1A	2037N 10514E	Ø616		283

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•	Target	Coordinates	WAC	Target	Numbers
25X1A	DOUBLE-SECURED STORAGE AREA CONTAINS 16 INTACT AND 7 SEVERELY DAMAGED STORAGE BUILDINGS. AN ACTIVE DRIVER TRAINING AREA 2 NM SE CONTAINS NUMEROUS FIGURE-8S, DISPERSED AND CAMOUFLAGED VEHICLE PARKING AREAS, AT LEAST 3 BARRACKS, NUMEROUS SUPPORT BUILDINGS, AND EXTENSIVE TRENCHING. HOA BINH ARMY BARRACKS 2.4 NM SE OF HOA BINH AT UTM 25X1D	25X1D 2047N 10521E	Ø616	Target BE	Numbers NPIC
1	25X1E				ertus Production Productions

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	NO FOREIGN DISSEM		——-т	Target N	umbers
	Target	Coordinates	WAC	BE	NPIC
	25X1D HAIPHONG AMMUNITION DEPOT KIEN AN SW PUG 3.8 NM SW OF HAIPHONG AND 1.5 NM ENE OF	2048N 10638E	Ø616	25X1A	1Ø9-G
	HAIPHONG/KIEN AN AIRFIELD. 25X1A COMOR TARGET NO FENCED AREA CONTAINS 42 REVETTED STORAGE BUILDINGS, 13 STORAGE REVETMENTS, APPROXIMATELY 25 MISCELLANEOUS BUILDINGS,				
25X1D				25X1A	
	DIEN BIEN PHU HQ 316 INFANTRY BRIGADE TEN SMALL MILITARY AREAS REFERENCED FROM CENTER OF DIEN BIEN PHU AIRFIELD. 25X1A COMOR TARGET NO AREA A (1.2 NM NNW AT UTM BARRACKS, 1 PARTIALLY DISMANTLED, AND 25X1D NUMEROUS COMPLETELY DISMANTLED BUILDINGS. AREA B (1.2 NM NW AT UTM BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH	2119N 10301E	Ø616		105-A

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Approved For Release 2000/06/30ECQEA-RDP78B04560A604900010010-4

Target	Coordinates	WAC	Target	Numbers
	- Conditiones	"AC	BE	NPIC
			1	
MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS.	25X1D	j		
AREA C (Ø.7 NM NE AT UTM				1
RAZED, ONLY 6 BUILDINGS REMAIN. AREA D (1.1 NM ENE AT UTM	25X1D			
BARRACKS, 3 ADMINISTRATION, 3 PROBABLE	20/(10			
AMMUNITION STORAGE, 2 VEHICLE MAINTENANCE, 2				
MESSHALL, AND 10 MISCELLANEOUS SUPPORT				
BUILDINGS (3 DESTROYED).				
AREA E (Ø.3 NM SOUTH AT UT)				1
COMPLETELY DESTROYED.	25X1D		1	
AREA F (0.5 NM EAST AT UTM 2	20/(12			
LARGE AND 5 SMALLER ADMINISTRATION, 3			1	
MESSHALL (1 DISMANTLED), 1 LARGE STORAGE,	Ì			
NUMEROUS SMALL SUPPORT, AND 7 DISMANTLED SUPPORT BUILDINGS.		1		
AREA G (1 NM ESE AT UTM	051/45		1	
BARRACKS, 3 ADMINISTRATION, 2 MESSHALL, 10	25X1D			
SUPPORT (3 DESTROYED), AND 5 DISMANTLED				
SUPPORT BUILDINGS. TRAINING FACILITIES CONSIST			1	
OF 1 LIGHT 4-GUN AAA SITE, OCCUPIED.				ł
AREA H (Ø.8 NM SSE AT UTM	25X1D	-		
15 BARRACKS, 2 ADMINISTRATION, 1 VEHICLE				
MAINTENANCE, 1 MESSHALL, 12 MISCELLANEOUS				
SUPPORT, AND 5 DISMANTLED SUPPORT BUILDINGS.	0EV4D			
AREA I (1.6 NM SSE AT UTM	25X1D	1		
BARRACKS, 2 ADMINISTRATION, AND 12:			1	
MISCELLANEOUS SUPPORT BUILDINGS. AREA J (AT DIEN BIEN PHU AT UTM	25X1D	ĺ		
29 BARRACKS, 8 ADMINISTRATION, 12 STORAGE,		ł	l	
AND 33 SUPPORT BUILDINGS.		1		
Jo Jo. North Dolld Hoos	25V1D			
	25X1D		05)// 4	
			25X1A	
NGHIA LO ARMY BARRACKS	2136N 10430E	Ø616		133-в
FOUR ASSOCIATED BARRACKS AREAS REFERENCED				0
	1	1 1		

Approved For Release 2000/06/20-REHA-RDP78B045604001900010010-4

NO FOREIGN DISSEM			Target N	ımbers
Target	Coordinates	WAC	BE	NPIC
FROM NGHIA LO. 25X1A COMOR TARGET NO AREA A (IMMEDIATELY SW AT UTM APPROXIMATELY 4Ø BARRACKS AND 5 ADMINISTRATION-TYPE BUILDINGS. AREA B (Ø.5 NM SE AT UTM APPROXIMATELY 4Ø BARRACKS, 1 U-SHAPED ADMINISTRATION, AND APPROXIMATELY 45 STORAGE/SUPPORT BUILDINGS. AREA C (1 NM SSW AT UTM BARRACKS AND 4 SUPPORT BUILDINGS. AREA D (4.5 NM SE AT UTM PROBABLE BARRACKS (1 PARTIALLY DISMANTLED) AND 1 ADMINISTRATION BUILDING. COMOR TARGET NO WALLED INSTALLATION CONTAINS 41 BARRACKS-TYPE, 41 ADMINISTRATION—TYPE, 48 STORAGE, 16 MAINTENANCE-TYPE, 17 QUARTERS, AND APPROXIMATELY 9Ø MISCELLANEOUS BUILDINGS.	21Ø2N 1Ø55ØE	Ø616	25X1A	112-A
	25X1D			
HANDI ARMY SUPPLY DEPOT NNE 4.5 NM NE OF HANDI RAILROAD CLASSIFICATION YARD AT UTM COMOR TARGET NO 25X1A	21Ø4N: 1Ø553E:	Ø616		114-D

Approved For Release 2000/06/390:REIA-RDP78B045694900010010-4

		W A C	Target N	lumbers
Target	Coordinates	WAC	BE	NPIC
WALLED MAIN DEPOT AREA (HANDI ARMY SUPPLY DEPOT NE THUONG CAT, BE NO CONSISTS OF AN OPEN STORAGE AREA, 5 LARGE WAREHOUSES, 6 SMALL VENTILATED BUILDINGS, 2 VEHICLE MAINTENANCE SHEDS, 1 LARGE TRANSSHIPMENT BUILDING, 39 SUPPORT BUILDINGS, AND 15 GABLE-ROOF, 5 MONITOR-ROOF, 4 LARGE PEAKED-ROOF, AND 14 SMALL PEAKED-ROOF STORAGE BUILDINGS. A WALLED, RAIL-SERVED POL STORAGE AREA ADJACENT TO AND NE OF THE MAIN AREA CONTAINS 32 VERTICAL STORAGE TANKS. (26 LARGE AND 6 SMALL), 3 LARGE WAREHOUSES, 5 GABLE-ROOF AND 2 MONITOR-ROOF STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND 16 SUPPORT BUILDINGS UNDER CONSTRUCTION. APPROXIMATELY 45 PROBABLE VEHICLES OBSERVED.	25X1A			
YEN SON AMMUNITION DEPOT 3.2 NM EAST OF PAU HIEN AT UTM COMOR TARGET NO IRREGULARLY SHAPED FENCED AREA CONTAINS 24 REVETTED DISPERSED STORAGE BUILDINGS (3 DESTROYED AND 7 DAMAGED). AN ADJACENT SUPPORT AREA CONTAINS 1 ADMINISTRATION—TYPE BUILDING AND 6 STORAGE/SUPPORT BUILDINGS.	25X1D 2134N 1Ø459E 25X1A	Ø616	25X1A	464

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NO FOREIGN DISSEM

	Target	Coore	dinates	WAC	Target N	lumbers
				- "70	BE	NPIC
	LANG SON ARMY BARRACKS	215ØN	10645E	Ø 6 16	25X1A	119-C
25X1A	TWO MILITARY AREAS IN LANG SON VICINITY.	ZIJDIV	ווערטמו	2010		119-6
25X1D 25X1D 25X1D	COMOR TARGET NO AREA A (UTM — — IRREGULARLY SHAPED AREA CONTAINS APPROXIMATELY 140 BARRACKS/ STORAGE, 7 ADMINISTRATION, AND NUMEROUS SMALL SUPPORT BUILDINGS. A PROBABLE AMMUNITION STORAGE AREA 2 NM SE CONTAINS 10 WIDELY DISPERSED STORAGE BUILDINGS. A VEHICLE DISPERSAL AREA AT UTM — CONTAINS 10 TRUCKS. AREA B (UTM — — IRREGULARLY-SHAPED AREA CONTAINS APPROXIMATELY 60 BARRACKS/ STORAGE, 5 ADMINISTRATION, 1 LARGE E-SHAPED PROBABLE HOSPITAL, AND NUMEROUS SMALL SUPPORT BUILDINGS.	25X1D				
ZOXID						
					25X1A	
25X1A	VIT THU LU ARMY BARRACKS AND STORAGE AREA. FIVE SMALL MILITARY AREAS REFERENCED FROM: VIT THU LU. COMOR TARGET NO	17Ø1N	1Ø638E	Ø617 -	;	222
	AREA A (2.7 NM ENE AT UTM	25X1D				
	APPEARS ABANDONED. AREA B (2.9 NM SOUTH AT UTM LARGE BARRACKS, 1 MESSHALL, AND 3 SMALL MISCELLANEOUS BUILDINGS. AREA APPEARS	25X1D				
	INACTIVE. AREA C (3.2 NM SOUTH AT UTM ——————————————————————————————————	25X1D				

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R-246/65

Target	Coordinates	WAC	Target !	Numbers
- Turger	Coordinates	"AC	BE	NPIC
APPEARS INACTIVE. AREA D (3.4 NM SOUTH AT UTM AREA APPEARS ABANDONED. AREA E (3.7 NM SOUTH AT UTM AREA APPEARS ABANDONED. QUANG KHE NAVAL BASE CUU DINH THREE SEPARATE AREAS ON NORTH AND SOUTH BANKS OF THE SONG GIANG (RIVER). COMOR TARGET NO AREA A (ON NORTH BANK OF RIVER AT UTM AREA A (ON NORTH BANK OF RIVER AT UTM ADMINISTRATION, AND 1 MAINTENANCE/SUPPORT	25X1D 1742N 10629E 25X1A	Ø617 .	25X1A	288
BUILDING (ALL RECENTLY REPAIRED), 1 SEVERELY DAMAGED BARRACKS, AND 3 SMALL DESTROYED SUPPORT BUILDINGS. A BOAT REPAIR FACILITY WEST OF INSTALLATION CONTAINS 1 WINCH HOUSE AND A MARINE RAILWAY. SIX HORIZONTAL POL TANKS AND 1 BUNKER/PILLBOX OBSERVED IN AREA. AREA B (ON SOUTH BANK AT UTM:	25X1D	·		
	25X1D			

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<u>_</u>) w. c	Target N	Numbers	
Target	Coordinates	WAC	BE	NPIC	
25X1D A DON NAVAL BASE 2 NM SE OF BA DON ON EAST BANK OF RAO NAY (RIVER). COMOR TARGET NO FACILITIES INCLUDE A FINGER PIER, MINOR SUPPORT FACILITIES, AND ONE 8-GUN MEDIUM AAA SITE, UNOCCUPIED. ONE PARTIALLY SUBMERGED SWATOW-TYPE PGM NORTH OF FINGER PIER. VESSELS NONE OBSERVED.	1743N 10626E 25X1D	Ø617	25X1A	1Ø2-D	

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SW END OF ILE DUTIGRE. COMOR TARGET NO 25X1A NO INTACT BUILDINGS OBSERVED. FORMER BARRACKS AREA ON SOUTHERN PORTION OF ISLAND CONTAINS ONLY BUILDING FOUNDATIONS. AND NUMEROUS BOMB CRATERS. EXTENSIVE TRENCH SYSTEM OVERLOOKS BEACH ON THE EASTERN SIDE OF THE ISLAND.	Coordinates	Ø617 :	25X1A	354
HON GIO MILITARY BARRACKS AREA ILE DU TIGRE SW END OF ILE DU TIGRE. COMOR TARGET NO 25X1A NO INTACT BUILDINGS OBSERVED. FORMER BARRACKS AREA ON SOUTHERN PORTION OF ISLAND CONTAINS ONLY BUILDING FOUNDATIONS AND NUMEROUS BOMB CRATERS. EXTENSIVE TRENCH SYSTEM OVERLOOKS BEACH ON THE EASTERN SIDE OF THE ISLAND.	.ØN 1Ø72ØE	Ø617 a	25X1A	354
SW END OF ILE DU TIGRE. COMOR TARGET NO 25X1A NO INTACT BUILDINGS OBSERVED. FORMER BARRACKS AREA ON SOUTHERN PORTION OF ISLAND CONTAINS ONLY BUILDING FOUNDATIONS. AND NUMEROUS BOMB CRATERS. EXTENSIVE TRENCH SYSTEM OVERLOOKS BEACH ON THE EASTERN SIDE OF THE ISLAND.	ØN 10720E	Ø617 i		354
25				
	SX1D			
AI DUC THON CONVOY STAGING AREA 25X1D AT BAI DUC THON ON ROUTE 12 AT UTM COMOR TARGET NO 25X1A PREVIOUSLY REPORTED BUILDINGS IN CONVOY STAGING AREA HAVE BEEN RAZED AND ONLY SITES REMAIN. NO VEHICLES OBSERVED.	2N 1Ø551E	Ø617	25X1A	242-B

Approved For Release 2000/06/30 : CIA-RDP78B04560ΑΩΩΑΡΘ0010010-4

R-246/65

٢			WAG	Target Numbers		
	Target	Coordinates	WAC	BE	NPIC	
	25X1D					
	VINH MILITARY INSTALLATIONS SIX MILITARY INSTALLATIONS IN VINH AREA. COMOR TARGET NO AREA A (IN VINH AT UTM VINH ARMY BKS CITADEL, BE NO 25 BARRACKS-TYPE, 7 ADMINISTRATION, 13 STORAGE, 3 MESSHALL, AND APPROXIMATELY 30 MISCELLANEOUS BUILDINGS. AREA B (0.9 NM NW OF VINH CITADEL AT UTM	1840N 10541E 25X1A 25X1D 25X1A	Ø617		128-8	
25X1D 25X1A	VINH HQ MIL REGION IV, BE NO 27 BARRACKS, 12 ADMINISTRATION, 8 STORAGE, 2 MESSHALL, 1 MAINTENANCE, AND APPROXIMATELY 25 MISCELLANEOUS BUILDINGS. AREA C (1.5 NM NW OF VINH AT UTM VINH ARMY BKS NW, BE NO 13 BARRACKS, 2 ADMINISTRATION/SUPPORT, 2 STORAGE, AND 1 MESSHALL BUILDING AND APPROXIMATELY 10 MISCELLANEOUS SHEDS.	25X1D 25X1A				
25X1D 25X1A	AREA D (1.5 NM EAST OF VINH AT UTM VINH ARMY SUPPLY DEPOT EAST, BE NO 18 BUILDINGS DESTROYED AND 35 BUILDINGS DAMAGED. NO RECONSTRUCTION OBSERVED.	25X1D				
25X1D	AREA E (2 NM ENE OF VINH AT UTM BARRACKS AREA CONTAINS 10 BARRACKS, 1 LARGE PROBABLE ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS. AREA ADJACENT ON NW CONTAINS 1 MULTISTORY, 1 SINGLE-STORY, AND 2 BUILDINGS UNDER CONSTRUCTION. AREA F (2.3 NM EAST OF VINH AT UTM BARRACKS AREA CONTAINS 9 BARRACKS, 1 MESSHALL, 8 SUPPORT (1 BEING DISMANTLED), AND SEVERAL MISCELLANEOUS	23/10				

Approved For Release 2000/06/86 CRIA-RDP78B04560200010010-4

Approved For Release 2000/06/302 C C LA-RDP78B04560A004900010010-4

R-246/65

Target	Coordinates	WAC		Numbers
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			25X1A	
PHUC LOI NAVAL BASE	10/6N 10E/EE	a		
6.3 NM NE OF VINH AT PHUC LOI AT UTM	1844N 10545E	Ø617 ·		128
SOS WANTE ON FIRM AT THOS EDITATION				
COMOR TARGET NO 25X1A		1		
TARGET HAS BEEN SUBJECTED TO AIR STRIKE.				
FACILITIES INCLUDE A T-HEAD PIER, 1	•			
FINGER PIER WITH PONTON WHARF, 2 MARINE	•			
RAILWAYS, 1 LARGE SEVERELY DAMAGED BARRACKS,				
]]		
		1	1	

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Approved For Release 2000/06/20 REGIA-RDP78B04560/2004@00010010-4

R-246/65

NO FOREIGN DISSEM Target Numbers WAC Coordinates Target BE NPIC 18 STORAGE/SUPPORT BUILDINGS (5 DESTROYED, 1 SEVERELY DAMAGED), A POL STORAGE AREA, AND AN AMMUNITION STORAGE AREA WITH 4 REVETTED **BUILDINGS**。 25X1D 25X1A Ø617 306-0 185ØN 1Ø519E PHU VAN AMMUNITION DEPOT EAST 25X1D 2 NM SE OF PHU VAN AT UTM 25X1A COMOR TARGET NO AREA HAS BEEN SUBJECTED TO AIR STRIKE. THREE BUILDINGS REMAIN INTACT. NUMEROUS BOMB CRATERS OBSERVED.

Approved For Release 2000/06/3€€€4-RDP78B025%06004900010010-4

NO FOREIGN DISSEM				
Target	Coordinates	WAC	Target	Numbers
·	Coordinates	WAC	BE	NPIC
PHU VAN AMMUNITION DEPOT NORTHEAST 2.7 NM ENE OF PHU VAN AT UTM COMOR TARGET NO DEPOT HAS BEEN SUBJECTED TO AIR STRIKE. NO BUILDINGS REMAIN.	185ØN 1Ø519E	Ø617	25X1A	3Ø6-P
PHU QUI AMMUNITION DEPOT SOUTHWEST	1918N 10520E	Ø617 a	25X1A	291-C
3 NM SW OF PHU QUI. COMOR TARGET NO 25X1A FENCED DEPOT CONTAINS 26 DISPERSED CAMOUFLAGED STORAGE (5 DESTROYED, 10 HEAVILY DAMAGED, 11 POSSIBLY DAMAGED), 2 SUPPORT, AND 3 SMALLER DESTROYED BUILDINGS. SUPPORT AREA TO THE EAST CONTAINS APPROXIMATELY 30 BUILDINGS (3 HEAVILY DAMAGED). A SMALL SUPPORT AREA IMMEDIATELY WEST AND ADJACENT TO THE DEPOT CONTAINS APPROXIMATELY 15 DESTROYED BUILDINGS.				

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	SECKET	23/10			
Г	NO FOREIGN DISSEM	Coordinates	WAC	Target N	
	A SECURED AREA JUST SOUTH OF THE DEPOT CONTAINS 4 LIGHTLY DAMAGED BUILDINGS.			BE	NPIC ,
5X1D					
25X1D	HON NE (ISLAND) 11.3 NM EAST OF LUONG XA. COMOR TARGET NO ONE LARGE L-SHAPED, 3 LARGE, AND 3 SMALL BUILDINGS, A LIGHTHOUSE, AND A TRENCH NETWORK WITH FIRING BAYS OBSERVED.	1954N 10601E	Ø617		173-A
25/10	INDÚSTRY.			25X1A	
	THAI NGUYEN IRON AND STEEL COMBINE 2 NM SSE OF THAI NGUYEN. COMOR TARGET NO CONSTRUCTION CONTINUES ON ROAD— AND RAIL— SERVED IRON AND STEEL PLANT WITH LIMITED PRODUCTION CAPABILITY. COMBINE IS SEGMENTED INTO 6 INTERCONNECTED AREAS AS FOLLOWS— AREA A (ON WESTERN EDGE OF COMBINE)— WAREHOUSE AND TRANSSHIPMENT AREA CONTAINS 20 LARGE M-ROOF WAREHOUSES, NUMEROUS SMALLER	2134N 1Ø552E	Ø616		242-A

Approved For Release 2000/06/380CRETA-RDP78B045604X04900010010-4

T	C	Coordinates WAC Tar		Target N		irget Numbers	
Target	Coordinates	WAC	BE	NPIC			
BUILDINGS, AND OPEN STORAGE.							
AREA B (IN SW SECTION OF COMBINE) : ORE							
CONCENTRATION AREA CONTAINS 1 LARGE							
MONITOR-ROOF FURNACE BUILDING WITH 2 STACKS		1					

6 MEDIUM ORE PREPARATION BUILDINGS							
CONNECTED BY CONVEYORS, APPROXIMATELY 5		1					
SMALL BUILDINGS, AND OPEN PROBABLE ORE		1					
STORAGE A CAR AND LOCOMOTIVE REPAIR							
FACILITY IMMEDIATELY SOUTH ON SOUTH EDGE							
OF COMBINE CONTAINS 3 LARGE BUILDINGS							
(2 MONITOR-ROOF).	1						
AREA CAIN SOUTH CENTRAL SECTION OF							
COMBINE) FORGE, FOUNDRY, AND MACHINE	1						
SHOP AREA CONTAINS 9 BUILDINGS (3		1					
MONITOR-ROOF). AN ADMINISTRATION AREA							
CONTAINING 3 LARGE MULTISTORY MULTIWING							
BUILDINGS AND 10 OTHER BUILDINGS IS							
IMMEDIATELY SOUTH ON SOUTH EDGE OF COMBINE.							
A LARGE PROBABLE SUPPORT AREA IN EARLY STAGE:							
OF CONSTRUCTION IS IMMEDIATELY NORTH.							
AREA D. (ON.EAST EDGE OF COMBINE) - ROLLING							
MILL AREA IN EARLY STAGE OF DEVELOPMENT				ľ			
CONTAINS 1 LARGE ROLLING MILL UNDER		İ					
CONSTRUCTION AND APPROXIMATELY 15 OTHER				İ			
BUILDINGS							
AREA E (ON NE EDGE OF COMBINE) BLAST		1					
FURNACE/OPEN HEARTH AREA CONTAINS 1 LARGE		1					
OPEN HEARTH FURNACE BUILDING WITH 2 SMOKE							
STACKS, 1 LARGE STEAMPLANT, 1 LARGE							
STRIPPING AND INGOT STORAGE BUILDING, 3 BLAST							
FURNACES, AND APPROXIMATELY 20 OTHER							
BUILDINGS.							
AREA F (IN NORTH CENTRAL SECTION OF							
COMBINE) COAL AND LIMESTONE PREPARATION							
AREA CONTAINS A LARGE OPEN COAL STORAGE	l						

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R-246/65

	Target	Coordinates	WAC	Target N	Numbers
	rarger	Coordinates	#AC	BE	NPIC
A LA AP LI LA CO	EA, COKING OVENS, A COKE BYPRODUCTS PLANT, COAL PREPARATION FACILITY INCLUDING 1 RGE BUILDING WITH AN ADJACENT SMOKESTACK AND PROXIMATELY 10 SMALL BUILDINGS, AND A MESTONE PREPARATION AREA INCLUDING 1 RGE BUILDING. A CONSTRUCTION SUPPORT AREA, INTAINING 9 BUILDINGS (7 M-ROOF), IMEROUS SMALL BUILDINGS, AN OPEN STORAGE REA, AND A WATER SETTLING POND, IS	25X1D			
HAIP ON NM CO FA BO	C SERVICES HONG THERMAL POWERPLANT SOUTH BANK OF THE CUA CAM (ESTUARY), 1.9 NE OF HAIPHONG AT UTM MOR TARGET NO CILITIES INCLUDE A T-SHAPED GLERHOUSE/GENERATOR HALL WITH 2 SMALL ACKS, APPARENTLY SERVING LOCAL INDUSTRY.	2051N 10641E 25X1D	Ø616	25X1A	109-
D					

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Approved For Release 2000/06<u></u>ይዊር:<u></u>የርዘA-RDP78B04560<u>ጵ</u>000490010010-4

		T	Target	lumbers
Target	Coordinates	WAC	BE	NPIC
ROUTE 41 SEGMENT 1 25X1A COMOR TARGET NO ROUTE OBSERVED INTERMITTENTLY FROM APPROXIMATELY 22-00N 103-14E TO APPROXIMATELY 21-45N 103-15E.	2202N 10310E	Ø616		118-E
NO MILITARY ACTIVITY OBSERVED.	25X1D		25X1A	
VINH RAILROAD YARD U/C	1841N 10540E	Ø617.	25/1/4	128-F
COMOR TARGET NO CONTROL CONTRO	25X1D			
STORAGE BUILDINGS A LARGE TERMINAL BUILDING IS UNDER CONSTRUCTION AT UTMERICAL CONTROL OF A NEW RAIL SPUR)	25X1D			
AREA B (UTM 3 LARGE POSSIBLE STORAGE, 1 DESTROYED, AND APPROXIMATELY	25X1D			:
5 MISCELLANEOUS SMALL BUILDINGS. AREA C. (UTM ————————————————————————————————————	25X1D			

Approved For Release 2000/06/30-RGHA-RDP78B04560A004900010010-4

R-246/65

25X1C NO FOREIGN DISSEM Target Numbers Coordinates WAC Target BE NPIC 25X1D 25X1A TAM DA RR AND HWY BRIDGE OVER SONG CUA LO 185ØN 1Ø539E Ø617 158-B 7.1 NM NORTH OF VINH AIRFIELD ON ROUTE ACROSS SONG CUA LO RIVER AT 18-51N 105-39E. COMOR TARGET NO THREE-SPAN, APPROXIMATELY 450 X 25 FT; THROUGH-TYPE, REINFORCED CONCRETE AND STEEL, RAILROAD AND HIGHWAY BRIDGE IS UNSERVICEABLE WITH NORTHERN 2 SPANS IN RIVER AND ROADBED ON BOTH SIDES OF RIVER HEAVILY DAMAGED. SITE OF OLD HIGHWAY BRIDGE 400 FT WEST HAS IMPROVED ENTRANCE AND EXIT ROADS AND IS PROBABLY USED AS A SITE FOR A HEAVY PONTON BRIDGE. THREE SECTIONS OF HEAVY.

25X1A

Approved For Release 2000/06/80 CRIA-RDP78B04560A004900010010-4

	Target	Coordinates	WAC	Target Numbers	
-		cooldinates	"AC	BE	NPIC
	PONTON BRIDGE OBSERVED ANCHORED WITHIN 1 NM.OF BRIDGE. A 3-SECTION LIGHT PONTON (BRIDGE: IS IN PLACE APPROXIMATELY 1,200 FT (NW.OF (THE DESTROYED BRIDGE. TWO SECTIONS OF (THE LIGHT PONTON BRIDGE ARE SHORE—ANCHORED AND (THE 3RD) IS ATTACHED, BUT OPEN.				
5X1D				25X1A	}
	PHUONG CAN HWY BRIDGE OVER SONG HOANG MAI 2 NM NW OF PHUONG CAN. TWO SPANS OF BRIDGE DESTROYED. FERRY CROSSING OBSERVED IMMEDIATELY WEST OF BRIDGE.	1914N 10542E	Ø617.		171-B
	NO FERRY OBSERVED. RECONSTRUCTION HAS BEGUN BUT BRIDGE IS STILL UNSERVICEABLE.	25X1A			
X1D					
				25X1A	,
	THANH HOA RR AND HWY BRIDGE OVER SONG MA 2.5 NM NE OF THANH HOA AT UTM TWO-SPAN, THROUGH, STEEL-TRUSS, RAILROAD AND HIGHWAY BRIDGE, APPROACHES HAVE BEEN REPAIRED	195ØN 1Ø548E 25X1D	Ø617		126-D
	AND BRIDGE IS PROBABLY CAPABLE OF SUSTAINING VEHICLES ON RAIL PORTION OF BRIDGE ONLY. RAILROAD TRACK HAS NOT BEEN REPLACED ON APPROACHES.				
	VEHICULAR PONTON BRIDGE SEGMENTS OBSERVED ON EITHER SIDE OF THE SONG MA (RIVER):				

Approved For Release 2000/06/30 REHA-RDP78B04560

NO FOREIGN DISSEM

R-246/65

Target Numbers Coordinates WAC Target BE NPIC APPROXIMATELY 1,000 FT SOUTH OF THE RAILROAD AND HIGHWAY BRIDGE. RAILROAD TRACK HAS BEEN LAID ON THE WESTERN APPROACH TO THE BRIDGE. THE EASTERN APPROACH APPEARS TO HAVE BEEN LEVELED, BUT TRACKS ARE NOT DISCERNIBLE. 25X1D PORTS AND HARBORS 25X1A 106 Ø615 2102N 10722E CAM PHA PORT FACILITIES ON GULF OF TONKIN 3 NM EAST OF CAM PHA. COMOR TARGET NO 25X1A FACILITIES SERVING COAL MINING INDUSTRY IN THE AREA COMPRISE A LARGE COALING QUAY? WITH 4 OVERHEAD CRANES CAPABLE OF BERTHING OCEAN-GOING VESSELS, A COAL STORAGE

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-]	Target	Coordinates	WAC	Target	Numbers	
ŀ	· · · · · · · · · · · · · · · · · · ·	Cooldingles	"^C	BE	NPIC	\Box
	AREA WITH 5 OVERHEAD CRANES, AND A LARGE CLASSIFICATION YARD WITH ASSOCIATED STORAGE AND MAINTENANCE FACILITIES. VESSELS -= 2 COASTAL FREIGHTERS.	25X1D				
-	HAIPHONG CHANNEL 25X1A	2050N 10640E	Ø616		1,70 6	l
-	COMOR	ZWJWN IWGTWE	NO10		1Ø9-C	
ı	CHANNEL CONTAINS MODERATE SMALL RIVER AND					ļ
İ	COASTAL TRAFFIC. NO DREDGES, ANTI⊣SWIMMER NETS, OR MINES					1
	OBSERVED.					
	VESSELS 2 FREIGHTERS.					l
		25X1D				

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NO FOREIGN DISSEM

R-246/65

Target Numbers Coordinates WAC Target BE NPIC 25X1A HAIPHONG PORT FACILITIES 2Ø52N 1Ø642E Ø616 1Ø9-D ON SOUTH BANK OF THE CUA CAM (RIVER). COMOR TARGET NO FACILITIES INCLUDE AN APPROXIMATELY 4,000 FT WHARF (SERVED BY 17 RAMPS), NUMEROUS SMALL DOCKS AND PIERS, A SHIP REPAIR YARD WITH 4 MARINE RAILWAYS, 12 LARGE WAREHOUSES, NUMEROUS STORAGE AND SUPPORT BUILDINGS, A LARGE POL STORAGE AREA, A THERMAL POWERPLANT, AND AN ACTIVE CEMENT PLANT. VESSELS -- 4 LARGE FREIGHTERS AND NUMEROUS SMALL CRAFT. 25X1D VESSELS -- 3 LARGE FREIGHTERS, 5 MEDIUM FREIGHTERS, AND NUMEROUS SMALL CRAFT. 25X1D VESSELS -- 5 LARGE FREIGHTERS, 13 MEDIUM: FREIGHTERS, AND NUMEROUS SMALL CRAFT. 25X1D VESSELS -- 3 LARGE FREIGHTERS, 5 MEDIUM FREIGHTERS, AND NUMEROUS SMALL CRAFT. 25X1D VESSELS -- NONE OBSERVED. 25X1D VESSELS -- 2 SWATOW-CLASS PGM, 5 LARGE FREIGHTERS, AND 1 MEDIUM FREIGHTER.

25X1A

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R-246/65

<u> </u>	Coordinate		WAC	Target N	lumbers
Target	Coordinate	's	#AC	BE	NPIC
VESSELS 4 LARGE FREIGHTERS AND 1 MEDIUM FREIGHTER. HANDI PORT FACILITIES ON WEST BANK OF THE RED RIVER AT UTM COMOR TARGET NO FACILITIES CONSIST OF 1 OFFSHORE WHARF WITH OVERHEAD CRANE AND NUMEROUS SMALL COALING PIERS NEARBY. NO MAJOR TRANSSHIPMENT ACTIVITY. OBSERVED.	25X1D 21Ø1N 1Ø 25X1D	551E	Ø616 ·	25X1A	112 - S
	25X1D	15 1 25	a/17	25X1A	128-D
BEN THUY PORT FACILITIES 2.2 NM SE OF VINH ON WEST BANK OF SONG CA (RIVER) AT UTM COMOR TARGET NO COMPLEX COMPRISES 4 STORAGE AREAS WITH APPROXIMATELY 45 STORAGE BUILDINGS (8 DAMAGED), A LARGE SAWMILL, AN OFFSHORE WHARF, AND 1 WAREHOUSE PARTIALLY DESTROYED BY AN AIR STRIKE. THE THERMAL POWERPLANT AND RECONSTRUCTED RAIL SPUR HAVE BEEN SUBJECTED TO AN AIR STRIKE AND ARE BOTH UNSERVICEABLE. ONE COASTAL FREIGHTER CAPSIZED AT OFFSHORE	1839N 18 25X1D	1542E	Ø617 ·		128-0
WHARF。 VESSELS NONE OBSERVED。	25X1D				

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Target		Coor	dinates	WAC	Target 1	Numbers
				****	BE	NPIC
25X1D						
STORAGE	5X1D				25X1A	
HANOI PETROLEUM PRODUCTS STORAGE BAC MAI	סואט	2Ø59N	10550E	Ø616		110:1
Ø.7 NM:NE.OF BAC MAI AIRFIELD AT UTM			T かつうねこ・	MOTO		112÷T
COMOR TARGET NO		25X1A				
SECURED ABANDONED AREA CONTAINS 3 MEDIUM: AND 1 SMALL POL STORAGE TANK.						
THE ENGLISH TOE STORAGE TARKS		25X1D				
		23/10				

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Target	C	rdinates	WAC	Target	Numbers
ı arget	1	rainates	WAC	BE	NPIC
HAIPHONG PETROLEUM STORAGE AREA NW EDGE OF HAIPHONG ON SOUTH BANK OF CUA CAM (ESTUARY). 25X1A	2Ø53N	10640E	Ø616	25X1A	1Ø9-M
COMOR TARGET NO THREE STORAGE AREAS CONTAIN 12, 10, AND 8 VERTICAL TANKS, RESPECTIVELY. A BUNKERING PIER AND APPROXIMATELY 25 SUPPORT BUILDINGS SERVE THE AREA.					
	25X1D				
				25X1A	
VINH PETROLEUM PRODUCTS STORAGE 3 NM EAST OF VINH AT UTM COMOR TARGET NO 25X1A WALLED AREA CONTAINS 3 LARGE TANKS (2 DESTROYED, 1 HEAVILY DAMAGED), 5 MEDIUM TANKS (4 DESTROYED, 1 PROBABLY DAMAGED), 6 SMALL HEAVILY DAMAGED TANKS, 2 MEDIUM UNDERGROUND TANKS, 5 HORIZONTAL TANKS, AND APPROXIMATELY	184ØN	10543E	Ø617		128-E
10 SUPPORT BUILDINGS. 25X1D					

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_			Coordinates		W . C		Target Numb	
Target		Coord	inates	WAC	BE	NPIC		
OFWAD	_							
25X1D								
	•							
RBAN COMPLEXES					05744			
05)/4.4	25X1D	21 611	105515	Ø616	25X1A	112		
ANOI COMPLEX 25X1A COMOR TARGET NO		SIBIN	1Ø551E	M910		112		
ROAD-, RAIL-, AND RIVER-SERVED	INDUSTRIAL		•					
COMPLEX CONTAINS NUMEROUS LIGH	T INDUSTRIES							
AND LIMITED PORT FACILITIES (H	25X1A							
SEVERAL MILITARY INSTALLATIONS	WITH							
NUMEROUS BARRACKS AND SUPPORT	FACILITIES			1	l			

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T		Coordinates		WAC	Target N	lumbers
Target		Coord	Coordinates		BE	NPIC
OBSERVED. 2	5X1D					
THAT NOUVEN COMPLEY	25X1A	2135N	10551E	Ø616	25X1A	242
THAI NGUYEN COMPLEX COMOR TARGET NO STAGEN SUBJECTED TO AIRSTRIKES. FIVE SMALL DAMAGED BUILDING REMAIN. NO VEHICLE OR TRACK ACTIVITY OBSERVED.						
		25X1D			25X1A	
BAC GIANG COMPLEX COMOR TARGET NO COMPLEX, Ø.8 SQ MI IN AREA, A COMMERCIA CENTER ON THE HANOI/LANG SON RAIL LINE, COMPRISES A RAILROAD CLASSIFICATION YAR (BAC GIANG RAILROAD YARD AND SHOPS, BE- 1,600 FT LONG AND 4 TRACKS	NO	2117N	10612E	Ø616		238
SEVERAL SMALL INDUSTRIES, MILITARY BARRACKS, AND POL STORAGE (BAC GIANG PETROLEUM PRODUCTS STORAGE, BE NO CONSTRUCTION CONTINUES ON CHEMICAL FERT PLANT (BAC GIANG PHOSPHATE FERTILIZER PLANT, BE NO BAC GIANG		25X1A				
	25X1D					

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	NO FOREIGN DISSEM				
	Target	Coordingtes	WAC	Target N	lumbers
				BE	NPIC
	25X1D			25X1A	
25X1A 25X1A	LANG SON COMPLEX AT JUNCTION OF ROUTES 1 AND 4. COMOR TARGET NO TRANSPORTATION CENTER CONTAINS 2 RAILROAD STATIONS (LANG SON RR YD NORTH, BE NO AND LANG SON RR YD MAIN, BE NO AND LANG SON RR YD MAIN, BE NO A MILITARY BARRACKS AREA (LANG SON ARMY BARRACKS, BE NO NO Ø616-119-C).	2151N 10645E	Ø616		119
25X1D	THANH HOA COMPLEX COMOR TARGET NO 25X1A COMPLEX, 1 SQ MI IN AREA, CONTAINS A RAILROAD YARD, SEVERAL SMALL LIGHT INDUSTRIES, AND SEVERAL SMALL BARRACKS AREAS.	1948N 10546E	Ø617	25X1A	126
25X1D					

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Target	Coordinates	WAC	Target I	
ı urget	Coordinates	"AC	BE	NPIC
25X1D				
				j
TARGET HAS BEEN SUBJECTED TO AN AIRSTRIKE.				
FOUR BARRACKS WERE DESTROYED AND 14				
DAMAGED. NO OTHER AREA WAS HIT.				
			ļ	
			}	
5X1D				
		}		
		İ		
			1	

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

<u>WAC--</u>This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); PC (partial coverage); O (obliquity); and PQ (poor image quality).